Applicants: Peter S. Linsley et al.

Serial No.: 722,101 June 27, 1991 Filed:

Page 3

derivative of the extracellular domain of the B7 ∤anti\gen.

(Amended) The method of claim [4] 3, wherein said --5. fragment is a polypeptide having an amino acid sequence containing amino acid residues from about position 1 to about position 215 of the amino acid sequence corresponding to the extracellular domain of B7 antigen.

(Amended)\ The method of claim [4] 3, wherein said --6. derivative\comprises a fusion polypeptide having a acid sequence corresponding to the amind extracellular\domain of B7 antigen and a second amino acid sequence corresponding to a moiety that alters the solubility, \affinity and/or valency of said B7 antigen for binding to the CD28 receptor.

(X2 Amended) The method) of claim 1 further comprising --15. adding [anti-CD2 or] /anti-CD3 antibody to co-react with said T cells.

(Amended) A method of regulating functional T cell --19. responses of CD28 positive T cells comprising reacting B7 positive cells with a ligand reactive with B7 antigen.

> (X2 Amended) The method of claim 19, wherein the ligand is a Fab fragment of a monoclonal antibody reactive with B7 antigen and CD 28 positive T cell responses are inhibited.

A monoclonal antibody reactive with a B7Ig (Amended) fusion protein comprising a polypeptide having a first amino acid sequence containing amino acid residues from about position 1 to about position 215 of the

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Applicants: Peter S. Linsley et al.

Serial No.: 722,101 Filed: June 27, 1991

Page 4

b --26.

amino acid sequence corresponding to the extracellular domain of B7 antigen and a second amino acid sequence corresponding to the hinge, CH2 and CH3 regions of human immunoglopulin $C\gamma 1$.

(Amended) The method of claim 19 wherein said ligand is CD28 receptor and said <u>CD28 positive</u> T cell responses are inhibited.

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(Amended) A method for preventing the binding of the CD28 receptor to the B7 antigen so as to inhibit functional T cell responses comprising contacting CD28 positive T cells with an anti-CD28 monoclonal antibody which recognizes and binds [to the CD28 receptor] a determinant site to which the monoclonal antibody 9.3 is directed so as to prevent binding of the receptor to the B7 antigen.

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(Amended) The method of claim 35, wherein said ligand reactive with CD28 receptor is a fragment or derivative of the extracellular domain of the B7 antigen.

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Amended) The method of claim 41 wherein said derivative is a B7Ig fusion protein comprising an amino acid sequence containing amino acid residues from about position 1 to about position 215 of the amino acid sequence corresponding to the extracellular domain of B7 antigen.

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(X2 Amended) The method of claim 77, wherein said ligand contains a portion of the extracellular domain of the B7 antigen having an amino acid sequence containing amino acid residues from about position 1 to about position 215 of the amino acid sequence

Applicants: Peter S. Linsley et al.

Serial No.: 722,101 Filed: June 27, 1991

Page 5

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corresponding to the extracellular domain of B7 antique.

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(Amended) The method of claim [48] <u>47</u>, wherein said B7Ig fusion protein is B7Ig corresponding to the amino acid sequence encoded by DNA having ATCC No. 6862.

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(X2\Amended) A method for treating a subject with a[n disease [mediated by] associated with the interaction of B7 with CD28 positive Т cells with B7 positive cells] comprising [interactions administering to the subject a ligand for CD28 receptor which contains a portion of the extracellular the B7 antigen to regulate the functional T domain \dom response and a pharmaceutically acceptable cell carrier.

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(Amended) A method for treating cancer [associated with] mediated by the interaction of B7 with CD28 positive T cells [expression of B7 antigen in vivo] comprising administering to a subject a ligand reactive with B7 antigen.

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(Amended) A method for inhibiting <u>CD28 positive</u> T cell proliferation in graft versus host disease comprising contacting <u>CD28 positive</u> T cells with a ligand for <u>CD28 receptor</u> and an immunosuppressant.

~--77.

(Amended) A method for regulating the level of a cytokine in vivo comprising administering to a subject a ligand which contains a portion of the extracellular domain of the B7 antigen reactive with a CD28 receptor to bind the CD28 receptor and inhibit the production of the cytokine by the T cells.--